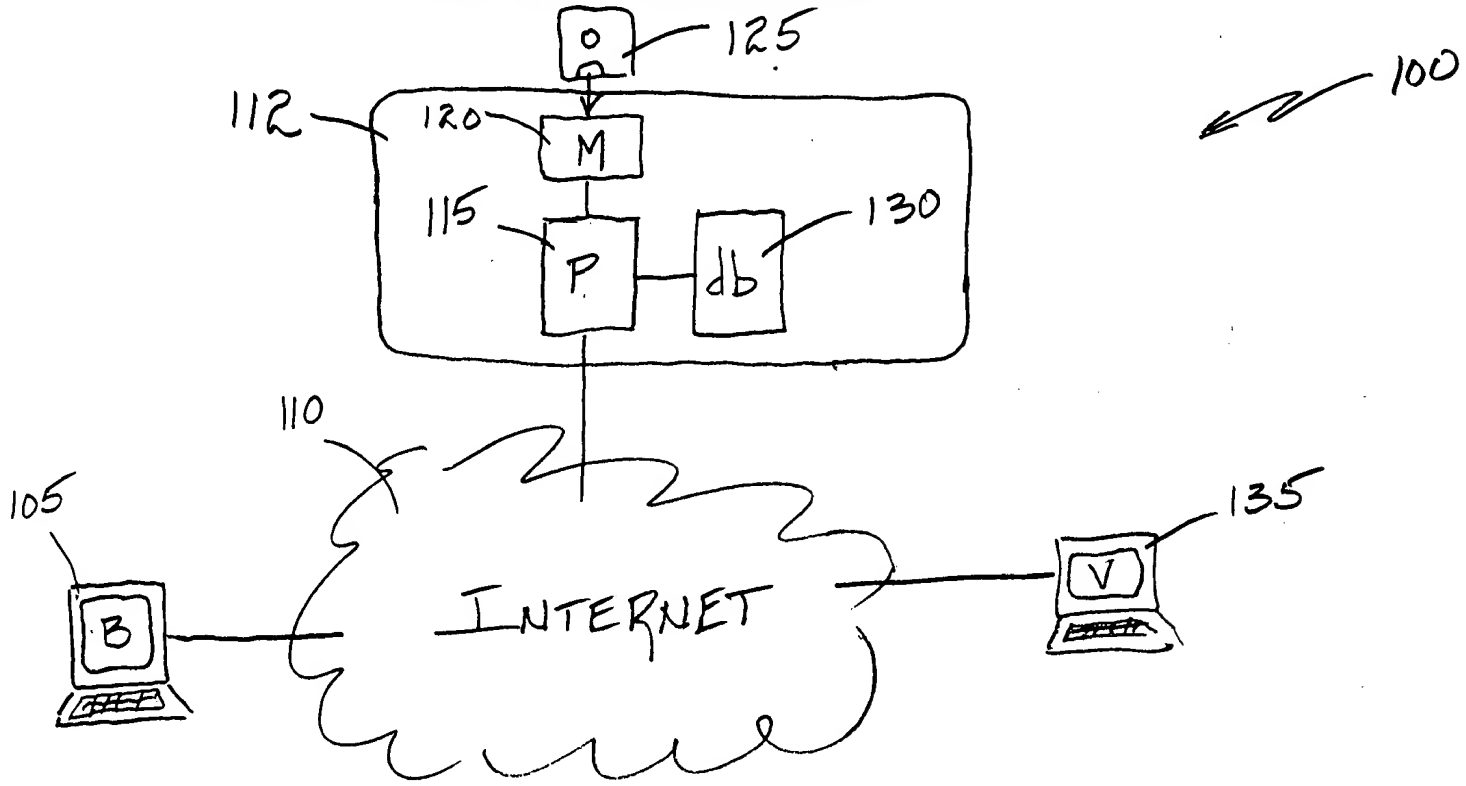

FIG. 1

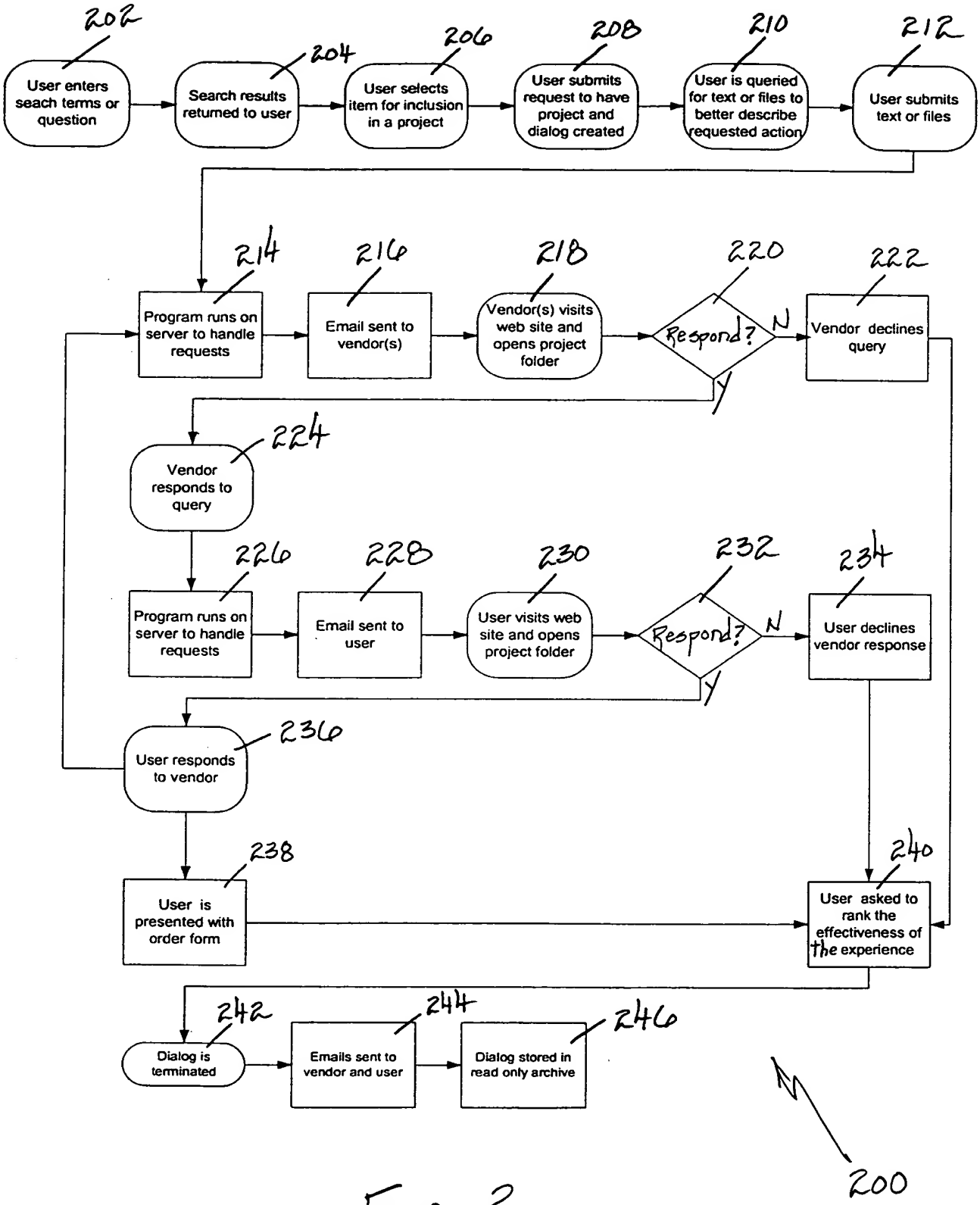
202
User enters seach terms or question
204
Search results returned to user
206
User selects item for inclusion in a project
208
User submits request to have project and dialog created
210
User is queried for text or files to better describe requested action
212
User submits text or files
214
Program runs on server to handle requests
216
Email sent to vendor(s)
218
Vendor(s) visits web site and opens project folder
220
Respond?
N
Y
222
Vendor declines query
224
Vendor responds to query
226
Program runs on server to handle requests
228
Email sent to user
230
User visits web site and opens project folder
232
Respond?
N
Y
234
User declines vendor response
236
User responds to vendor
238
User is presented with order form
240
User asked to rank the effectiveness of the experience
242
Dialog is terminated
244
Emails sent to vendor and user
246
Dialog stored in read only archive
200

FIG. 2

300

MyProjects
You have been asked the following questions.

Why the thrust bearing faces are marked by fig.* m
Dialog Started : 12/16/2000 12:35:25 PM
Dialog Status : You were the last to contribute to this dialog - 12/27/2000 4:07:52 PM.

I have 2 questions 1) I would like to pressure co
Dialog Started : 4/26/2001 7:57:41 AM
Dialog Status : You were the last to contribute to this dialog - 4/26/2001 8:37:14 AM.

Jeff, Hopefully you can lead me to further inform
Dialog Started : 1/30/2001 10:08:27 AM
Dialog Status : You were the last to contribute to this dialog - 1/30/2001 10:47:21 AM.

305

310 **STEAM TURBINE TURNING PROBLEM PLANT GENERAL TYPE**
315 **Dialog Started :** 2/26/2001 7:11:20 PM
320 **Dialog Status :** You were the last to contribute to this dialog - 3/30/2001 11:28:40 AM.

I am doing research on emission control technologi
Dialog Started : 2/27/2001 2:26:19 PM
Dialog Status : You have received a response. - 3/7/2001 10:39:15 AM.

Hey Jeff- We spoke some time ago about the labeli
Dialog Started : 5/4/2001 3:59:24 PM
Dialog Status : You were the last to contribute to this dialog - 5/4/2001 4:28:33 PM.

I am looking for data on plant availability for co
Dialog Started : 5/29/2001 1:43:56 PM
Dialog Status : You have received a response. - 5/29/2001 1:43:56 PM.

I am looking for a contact at your facility to pro
Dialog Started : 5/30/2001 5:48:55 PM
Dialog Status : You have received a response. - 5/30/2001 5:48:55 PM.

Jeff, several months ago I was involved in the new
Dialog Started : 7/19/2001 12:26:22 PM
Dialog Status : You have received a response. - 7/19/2001 12:26:22 PM.

MyProjects Archives

FIG. 3

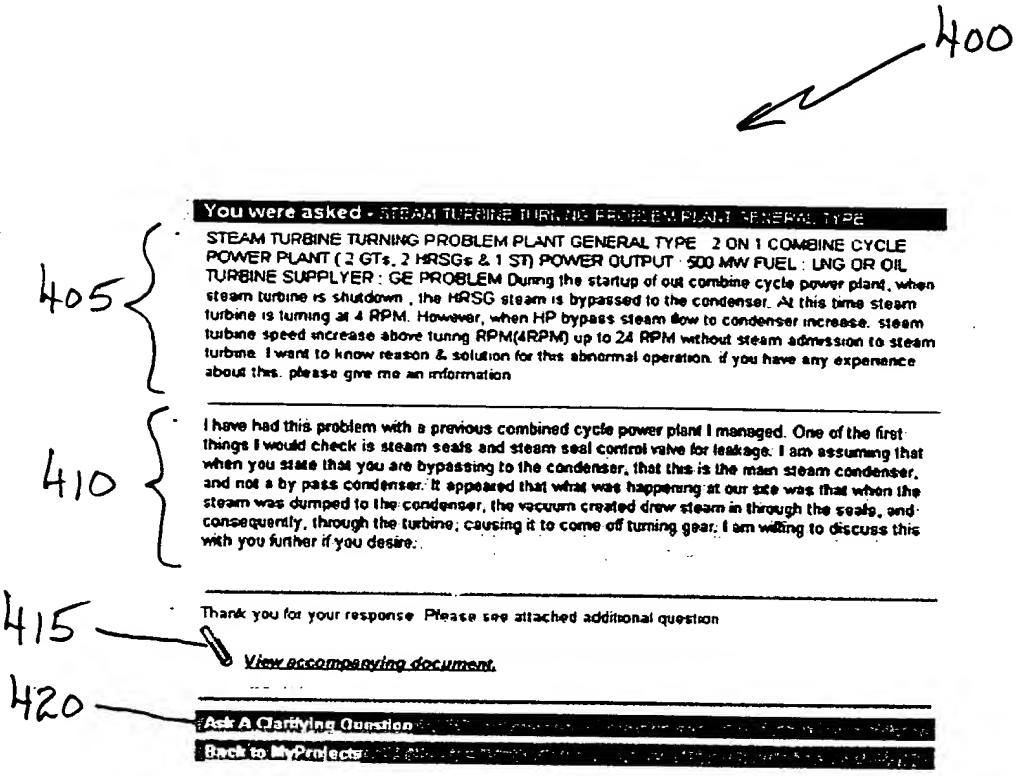
400
You were asked - STEAM TURBINE TURNING PROBLEM PLANT GENERAL TYPE
STEAM TURBINE TURNING PROBLEM PLANT GENERAL TYPE 2 ON 1 COMBINE CYCLE POWER PLANT (2 GTs, 2 HRSGs & 1 ST) POWER OUTPUT : 500 MW FUEL : LNG OR OIL TURBINE SUPPLYER : GE PROBLEM During the startup of out combine cycle power plant, when steam turbine is shutdown , the HRSG steam is bypassed to the condenser. At this time steam turbine is turning at 4 RPM. However, when HP bypass steam flow to condenser increase. steam turbine speed increase above tuning RPM(4RPM) up to 24 RPM without steam admission to steam turbine. I want to know reason & solution for this abnormal operation. if you have any experience about this. please give me an information
405
I have had this problem with a previous combined cycle power plant I managed. One of the first things I would check is steam seals and steam seal control valve for leakage. I am assuming that when you state that you are bypassing to the condenser, that this is the main steam condenser, and not a by pass condenser. It appeared that what was happening at our site was that when the steam was dumped to the condenser, the vacuum created drew steam in through the seals, and consequently, through the turbine; causing it to come off turning gear. I am willing to discuss this with you further if you desire.
410
Thank you for your response Please see attached additional question
415
View accompanying document.
420
Ask A Clarifying Question
Back to My Projects

FIG. 4

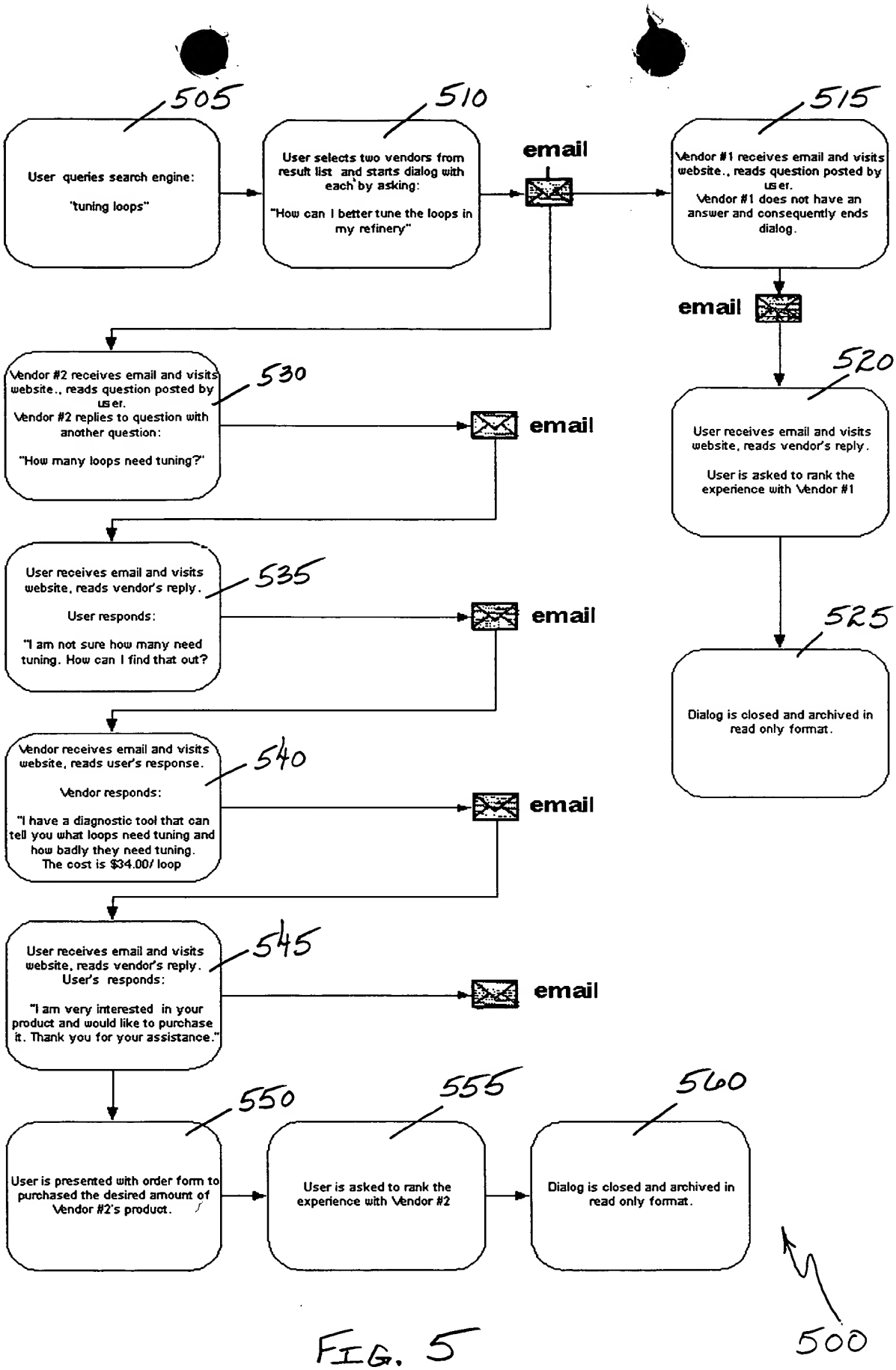
505
User queries search engine:
"tuning loops"
510
User selects two vendors from result list and starts dialog with each by asking:
"How can I better tune the loops in my refinery"
email
515
Vendor #1 receives email and visits website., reads question posted by user.
Vendor #1 does not have an answer and consequently ends dialog.
email
520
User receives email and visits website, reads vendor's reply.
User is asked to rank the experience with Vendor #1
525
Dialog is closed and archived in read only format.
Vendor #2 receives email and visits website., reads question posted by user.
Vendor #2 replies to question with another question:
"How many loops need tuning?"
530
email
User receives email and visits website, reads vendor's reply.
User responds:
"I am not sure how many need tuning. How can I find that out?
535
email
Vendor receives email and visits website, reads user's response.
Vendor responds:
"I have a diagnostic tool that can tell you what loops need tuning and how badly they need tuning. The cost is $34.00/ loop
540
email
User receives email and visits website, reads vendor's reply.
User's responds:
"I am very interested in your product and would like to purchase it. Thank you for your assistance."
545
email
User is presented with order form to purchased the desired amount of Vendor #2's product.
550
User is asked to rank the experience with Vendor #2
555
Dialog is closed and archived in read only format.
560
500

FIG. 5